

Claims

1. Dosing device (14) that is arranged on an application roller (16) such that between the two (14, 16) an adhesive sump (21) is provided, and that is to be arranged at a desired distance from the application roller (16) for adjustment of the width of the dosing gap (28), and that comprises multiple areas (34, 37) that differ from each other and optionally are directed and arranged towards the application roller (16) in order to create the dosing gap (28) jointly with this application roller (16).
2. Dosing device according to claim 1, characterized in that the areas (34, 37) that differ from each other are selected by rotating the dosing device (14) and are oriented towards the application roller (16).
3. Dosing device according to claim 1 or 2, characterized in that at least one of the areas (34) comprises a doctor blade (36) as active part.
4. Dosing device according to claim 1 or 2, characterized in that at least one further area (37) is provided as external surface area.
5. Dosing device according to any one of the preceding claims, characterized in that the edge of the doctor blades (36), the external surface area (37), and the surface of the application roller (16) are optionally provided to be smooth or structured.
6. Dosing device according to any one of the preceding claims, characterized in that the rotation speeds of application roller (16) and counterpressure roller (17) are adjusted to be equal or unequal.
7. Dosing device according to any one of the preceding claims, characterized in that the selected areas (34, 37) of the dosing device (14) are arranged towards

the application roller (16) by means of a mechanical or electrical controller device.

8. Dosing device according to any one of the preceding claims, characterized in that a temperature-controlled facility is arranged inside, outside or inside and outside of a roller-shaped body (31) of the dosing device (41).
9. Dosing device according to any one of the preceding claims, characterized in that, upstream of the application roller (16) in the supply direction of the substrate web (19), a guiding roller (49) is allocated that is provided for the adjustment of an arc of contact of a substrate web (19) to the application roller (16).
10. Dosing device according to claim 4, characterized in that the external surface area (37) is part of a roller wall section.
11. Dosing device according to claim 3, characterized in that the doctor blades (36) are adjusted to a dosing gap width.
12. Dosing device according to claim 3, characterized in that the doctor blades (36) are directed at a right angle or at an angle larger or smaller than 90° with respect to the circumferential surface of the application roller (16).
13. Dosing device according to claim 3, characterized in that the doctor blades (36) are connected to the body (31) by means of a rapidly detachable connection, in particular by means of a lever-actuated eccentric clamp.
14. Dosing device according to claim 1 or 2, characterized in that its different areas (34, 37) are evenly distributed over its circumference.
15. Dosing device according to claim 3, characterized in that an angle position of the doctor blade (36) is adjustable by means of a rapidly detachable connection.

16. Dosing device according to claim 3, characterized in that a set angle of the doctor blades (34) are adjusted either in a mechanical or electrical fashion.
17. Device for the application of adhesives to one or more substrate webs, in particular for laminating,
- with an application roller (16) comprising a smooth or structured surface;
 - with a dosing device (14) according to any one of the claims 1 to 16 that is allocated to the application roller (16), and
 - with a counterpressure roller (17) that carries, opposite to the application roller (16), a substrate web (22) onto which an application is to be made.
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